

EAST Search History

ar

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	XML and schema and message and object\$oriented and namespace and manifest and alias adj name	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/26 18:31
L2	118	namespace near library or schema near library	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/26 20:19
L3	60	L2 and object adj oriented	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/26 18:35
L4	3361	(715/513).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/26 20:00
L5	8705	SOX or object adj oriented adj XML	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/26 20:13
L6	4	L5 and L2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/26 20:13
L7	72	L2 and message	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/26 20:19

EAST Search History

L8	49	L3 and message	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/26 20:20
L10	1	10/731,597	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/26 20:21

OK



[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alert](#)

☐ AbstractPlus

[BROWSE](#)

[SEARCH](#)

[IEEE XPLORE GUIDE](#)

[View TOC](#)



Access this document

Full Text: [PDF](#) (720 KB)

Download this citation

Choose [Citation & Abstract](#) ☒

Download [ASCII Text](#) ☒

[» Learn More](#)

[Rights and Permissions](#)

[» Learn More](#)

Distributed object-oriented schema for XML-based electro catalogsharing semantics among businesses

Kuramitsu, K. Sakamura, K.
Dept. of Inf. Sci., Tokyo Univ.;

This paper appears in: [Web Information Systems Engineering, 2000. Proceedings of the International Conference on](#)

Publication Date: 2000

Volume: 1, On page(s): 87-96 vol.1

Meeting Date: 06/19/2000 - 06/21/2000

Location: Hong Kong, China

ISBN: 0-7695-0577-5

References Cited: 20

INSPEC Accession Number: 6755071

Digital Object Identifier: 10.1109/WISE.2000.882379

Posted online: 2002-08-06 23:37:42.0

Abstract

Internet commerce is increasing the demands of service integrations by sharing XML-based propose the PCO (Portable Compound Object) data model supporting semantic inheritance synonymy of heterogeneous semantics among distributed schemas that different authors. Also, the PCO model makes semantic relationships independent of an initial class hierarchy rapid schema evolution across the entire Internet business. This preserves semantic interchanging pre-defined classes. We have also encoded the PCO model into two XML-based PCO Specification Language (PSL) and the Portable Composite Language (PCL). This paper that intermediaries defining service semantics in PSL can automatically integrate multiple catalogs for their agent-mediated services

Index Terms

Inspe

Controlled Indexing

[Internet cataloging](#) [distributed object management](#) [electronic commerce](#) [electronic interchange](#) [hypermedia markup languages](#) [inheritance](#) [management information systems](#) [object-oriented languages](#) [open systems](#) [semantic networks](#) [software specification languages](#)

Non-controlled Indexing

[Internet business](#) [Internet commerce](#) [Internet service integration](#) [PCO Specific Language](#) [PCO data model](#) [PSL](#) [Portable Composite Language](#) [XML-based catalog sharing semantics](#) [XML-based languages](#) [agent-mediated services](#) [class hierarchy](#) [distributed object-oriented schema](#) [electronic commerce](#) [intermediary supplier](#) [PCL catalogs](#) [portable compound objects](#) [predefined classes](#) [rapid schema evolution](#) [semantic inheritance](#) [semantic interoperability](#) [semantic relationship semantics](#) [synonymous heterogeneous semantics](#)

Author Keywords

Not Available

References

No references available on IEEE Xplore.

ark



[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

-

Ad
Sc
Sc

The "AND" operator is unnecessary -- we include all search terms by default. [\[details\]](#)

Scholar Results 1 - 4 of 4 for XML and schema and message and object oriented and namespace and m

All Results

D Fox

[A Three-tier Design for Allowing Thin Clients Using XML Lathered in Soap to Access Legacy ... - all 2 versions »](#)

JD Procopio - 2002 - webster.cs.uga.edu

... 174 B Knowledge Database **Schema** neutral **XML**-based technologies. Users will quickly get used to the flexibility of ... invoking the requested **object**. ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[The J2EE Tutorial for the Sun ONE Platform - all 2 versions »](#)

E Armstrong, S Bodoff, M Fisher, D Green, K Haase - 2003 - 72.5.124.55

... that receive the price lists and **schema** can have ... Another company might read the **XML** pricing information ... Simple **Object** Access Protocol (SOAP) **messages** over HTTP ...

[Cited by 2](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[CONFLICT DETECTION AND RESOLUTION DURING RESTRUCTURING OF XML DATA - all 3 versions »](#)

A TETEROVSKAYA - 2000 - purl.fcla.edu

... (eg, relational, **object-oriented**, semistructured), and ... Separation of a **schema** and data permits multiple **XML** documents to ... that processes the **XML** document. ...

[Cited by 2](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[\[book\] Sams Teach Yourself ADO. NET in 21 Days - all 2 versions »](#)

DL Fox, D Fox - 2002 - books.google.com

... 15 It Combines Relational and **Object-Oriented** Paradigms 16 It Reduces Programming Errors 16 ... 158 Affecting the **XML** Format 161 Creating the XSD **Schema** 163 ...

[Web Search](#) - [Library Search](#)

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2007 Google

ak


[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

SOX XML schema message namespace "obje" 1970 - 2003

Search

Ad
Sc
Sc
☒ Search only in Engineering, Computer Science, and Mathematics.

☐ Search in all subject areas.

Scholar [All articles](#) - [Recent articles](#) Results 1 - 22 of 22 for **SOX XML schema message namespa**
All Results[D Lee](#)[W Chu](#)[N Klarlund](#)[M Schwartzbach](#)[A Moller](#)**[Comparative analysis of six XML schema languages - all 14 versions »](#)**

D Lee, WW Chu - ACM SIGMOD Record, 2000 - portal.acm.org

... 2. Namespace: All languages except DTD and DSD support namespace. DTD : No XML

Schema : Yes XDR : Yes SOX : Yes Schematron : Yes DSD : No Suppose one ...

Cited by 179 - [Related Articles](#) - [Web Search](#)**[\[PS\] Technical Survey of XML Schema and Query Languages - all 3 versions »](#)**

A Bonifati, D Lee - Proceedings of the 20th International Conference on ..., 2001 - cobase.cs.ucla.edu

... All the schema languages except DTD are written in XML syntax: DTD : No XML-Schema :

Yes RELAX : Yes SOX : Yes Schematron : Yes DSD : Yes 2. Namespace. ...

Cited by 29 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)**[DSD: A schema language for XML - all 10 versions »](#)**

N Klarlund, A Moller, M Schwartzbach - Proceedings of the third workshop on Formal methods in ..., 2000 - portal.acm.org

... ferent approach was suggested by SOX[9], which is ... as elements and attributes with namespace http://www ... The XML schema proposal introduces a separate operator to ...

Cited by 56 - [Related Articles](#) - [Web Search](#)**[Modeling XML Vocabularies with UML: Part I](#)**

D Carlson - Aug, 2001 - xml.com

... to creating and reverse engineering DTDs and SOX schemas, as ... schema to an XML attribute;

the mapping to schema syntax allows either an XML attribute or ...

Cited by 6 - [Related Articles](#) - [Cached](#) - [Web Search](#)**[\[BOOK\] Modeling Business Objects with XML Schema - all 2 versions »](#)**

B Daum... - 2003 - books.google.com

... 3 Wildcards 182 6.1.4 Schema Default Namespace 183 6.2 ... The W3C XML Schema Working

Group did not have the ... submissions to the W3C, including DDML, SOX, DCD, and ...

Cited by 6 - [Related Articles](#) - [Web Search](#) - [Library Search](#)**[E-commerce-XML Standard Formats - all 2 versions »](#)**

C Lange - Enterprise Integration (CSCI 8350), University of Koblenz, ..., 2001 - dme.uma.pt

... Hence, a message with a corre- sponding schema, which ... oriented document type definitions,

such as Schema for Object oriented XML (SOX), contribute to ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)